

Prüfbericht Test Certificate

Prüfgegenstand // Object:	Measurement of temperature behaviour of Total Sky Camera J1006.
Auftraggeber // Customer:	CMS Ing. Dr. Schreder GmbH Lofererstraße 32, A-6322 Kirchbichl AUSTRIA
Hersteller // Manufacturer:	CMS Ing. Dr. Schreder GmbH
Typ // Type:	J1006
Seriennummer // Serial number:	1183
Datum // Date:	9. September 2014 - 27. Oktober 2014
Seitenanzahl // Number of pages:	2

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Siegel // Seal	Ausstellungsdatum // Date	Für den technischen Inhalt verantwortlich //Responsible regarding technical content
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11. Oktober 2015

Ing. Dr. Josef Schreder

Prüfgegenstand // Description of the calibration object:

Test of a Total Sky Camera J1006 inside climate chamber. The System was connected by TCP/IP standard cable and the original power supply. It was horizontally levelled inside the test chamber. The temperature is shown on the Measurement Chamber

Ort der Prüfung // Place of certification:

CMS Ing. Dr. Schreder GmbH Lofererstraße 32, A-6322 Kirchbichl.

Umgebungsbedingung // Environment:

The Test was carried out under environmental conditions.

Kennzeichnung // Identification:

The system is identified by its serial number.

Messaufgabe // Task of measurement:

Measurement of temperature behaviour.

Verwendete Messgeräte // Used instruments:

Climate Chamber Heraeus-Vötsch, VLK 04/150

Verwendete Unterlagen // Used documents:

- **Interne Arbeitsvorschrift:** carried out according to internal procedure, as applicable.

Bemerkung // Remark:

The documented results correspond exclusively to the stated instrument. A dependence of other influence parameters than the described one are not investigated.

MESSUNG/MEASUREMENT

Beschreibung/Description

The Total Sky Camera was put into the test chamber. System was on operational mode before starting cooling down the environment. Test cycles were started at an environmental temperature of +40°C. Lowest temperature test cycle was set to -40°C. The device under test was running under operational modus (1 image @ 10 minutes) for about 48 hours at each cycle.

Ergebnis/Result

The Total Sky Camera was successfully tested for operation under "Extended Temperature Range", starting at +40°C down to -40°C, with a measurement and climate chamber control tolerance of ± 3 °C.